REMARKS

Rejections under 35 U.S.C. §102

The Examiner has rejected claims 1-29 as allegedly being unpatentable over U.S. Patent App. No. 2002/0133412 to Oliver, et al. Based on the following Remarks, Applicants respectfully requests that the Examiner reconsider the rejection, and withdraw it.

Independent claim 1 recites:

A computer implemented method for dynamically rendering data in a markup language, the method comprising:

identifying a symbol in the data in the markup language, the symbol indicating a query of a data set;

accessing the data set in order to generate a resolution to the query; and

rendering the resolution to the query as a part of the markup language, according to at least one rule associated with the markup language.

Independent claim 19 recites:

A computer program product for dynamically rendering data in a markup language, the computer program product comprising:

program code for identifying a symbol in the data in the markup language, the symbol indicating a query of a data set;

program code accessing the data set in order to generate a resolution to the query;

program code for rendering the resolution to the query as a part of the markup language, according to at least one rule associated with the markup language; and

a computer readable medium on which the program codes are stored.

Independent claim 24 recites:

A computer system for dynamically rendering data in a markup language, the computer system comprising:

an identification module, for identifying a symbol in the data in the markup language, the symbol indicating a query of a data set;

a data access module, for accessing the data set in order to generate a resolution to the query, the data access module being coupled to the identification module; and

a rendering module, for rendering the resolution to the query as a part of the markup language, according to at least one rule associated with the markup language, the rendering module being coupled to the data access module.

The advantages of the present invention are substantial. For example, by rendering the resolution to a query as a part of the markup language, the present invention allows the same markup language to be used to describe the presentation of multiple data sets. Also, resolution and query information is embedded within the markup language such that the resolution and query information can be referenced in multiple places. These advantages allow for less modifications to existing markup language, making the development cycle far more efficient, less complicated, and more cost effective than conventional markup language development techniques.

The cited reference of Oliver, is drawn to a token validation service for management of transactions on networks, as disclosed in paragraph 0016. Oliver discloses a system for managing client accounts and controlling access to resources over data networks. The system of Oliver is further drawn to a service for validating and profiling a large base of users, distributed across a plurality of service providers, as disclosed in paragraph 0018.

Oliver does not disclose a method for dynamically rendering data in a markup language (emphasis added), as recited in claims 1, 19, and 24. Oliver is completely silent with regards to rendering data, and is solely drawn towards methods for managing transactions on a network through the use of various encryption algorithms (par. 0303).

Also, Oliver does not disclose a symbol indicating a query of a data set in a markup language (emphasis added), as recited in claims 1, 19, and 24. In paragraph 0307, Oliver simply discloses selecting a certain query-string presentation technique for transferring tolkens across a secure network. No mention is made in Oliver about a symbol indicating a query of a data set. If the Examiner has likened a transfer tolken to a symbol, then we disagree. However, even if this was the case, Oliver is completely silent with regards to the transfer tolken indicating a query of a data set and the data set even being a part of a markup language.

Futhermore, Oliver does not disclose the recited steps of rendering the resolution to the query as a part of the markup language, according to at least one rule associated with the markup language (emphasis added) in claims 1, 19, and 24. In paragraph 0275, Oliver discloses an end user making a query to determine charges that have been applied to a user's account based on certain "pricing rules." Assuming the Examiner has applied the "pricing rules" of Oliver to the "at least one rule" of Applicant's invention, there is no disclosure within Oliver for rendering a resolution to the query according to at least one rule associated with the markup language (emphasis added). The "pricing rule" of Oliver is not associated with a markup language of any kind. Also, no resolution to the "query" of paragraph 0275 is even disclosed by Oliver. And lastly, even if Oliver is construed to resolve the query into the nature of charges against a user's account, this "resolution" is not a part of any markup language as disclosed in Applicant's specification on pages 8 and 9.

As claims 2-18 and 29 are dependent on claim 1, claims 20-23 are dependent on claim 19, and claims 25-28 are dependent on claim 24, all arguments advanced above with respect to claims 1, 19, and 24 are hereby incorporated so as to apply to claims 2-18, 20-23, and 25-29.

Examiner is reminded that in a rejection under 35 U.S.C. §102, each and every claim element must be present in the applied reference. However, the Examiner has failed to point out any prior art teaching which anticipates the explicit recitation in the language of claims as mentioned above. Therefore, it is respectfully submitted that the rejection is improper and should be withdrawn based at least upon the remarks made above.

Conclusion

Applicant believes that all of the stated grounds of rejection set forth by the Examiner in the Office Action have been properly accommodated or addressed. Applicant, therefore, respectfully requests that the Examiner reconsider all presently outstanding rejections and withdraw them. The Examiner is invited to telephone the undersigned representative if it is felt that an interview might be useful for any reason.

Respectfully submitted
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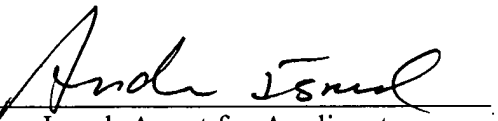
By: 

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